

**Flood Control Project Maintenance  
Levee Inspections**

**Fall 2012 Levee Maintenance Deficiency Summary Report**

**Overall LMA & Unit Ratings, including USACE Erosion Survey**

***Sacramento River Basin***

<b>MA0016</b>	Overall LMA Rating	Total LMA Miles						
<b>Sutter Maintenance Yard Maintenance Area 0016</b>	<b>A</b>	<b>4.09</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation					0.04			
Encroachments					0.24	0.04		
<i>LMA Totals:</i>	0.00	0.00	0.00	0.00%	0.28	0.04	0.00	0.00

**Flood Control Project Maintenance  
Levee Inspections****LMA District Cover Sheet  
Fall 2012 Levee Inspection Results****Sutter Maintenance Yard Maintenance Area 0016**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			A	

\*\* Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

\*  
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments


**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2012 Levee Inspection Results**

**Sutter Maintenance Yard Maintenance Area 0016**

Waterway			Bank	Unit Miles
Unit No. 01 Feather River			Right	4.09
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	03/28/2012 - 03/28/2012		09/25/2012 - 09/25/2012	
DWR Inspector	Clay Thomas		Clay Thomas	
Accompanied By	Jason Cooper		Jason Cooper	

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2012**

**Sutter Maintenance Yard Maintenance Area 0016**

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River						Right	4.09	09/25/2012 09/25/2012	Clay Thomas

  

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.01	4.08	Earthen Levee	Vegetation	WS Ma	A	V1 : Control annual grass and weeds on the levee slopes and easements.	39.255912 ° -121.636405 °	39.311114 ° -121.637559 °	3 Y
DWR ID: DWR_MA0016_01_f_2012_3										
2	0.01	4.08	Earthen Levee	Vegetation	LS Ma	A	V1 : Control annual grass and weeds on the levee slopes and easements.	39.255912 ° -121.636405 °	39.311127 ° -121.637587 °	1 Y
DWR ID: DWR_MA0016_01_f_2012_1										
3	0.06	0.10	Earthen Levee	Vegetation	LS En	M	V6 : Landscaping	39.256618 ° -121.636442 °	39.257228 ° -121.636462 °	2 Y
DWR ID: DWR_MA0016_01_s_2012_2										
4	0.18	0.18	Earthen Levee	Encroachments	LS En	M	BU : Building	39.258437 ° -121.636613 °	39.258437 ° -121.636613 °	15 Y
DWR ID: DWR_MA0016_01_s_2012_15										
5	0.39	0.39	Earthen Levee	Animal Control	LS Ma	C	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.261403 ° -121.636660 °	39.261403 ° -121.636660 °	5 Y
DWR ID: DWR_MA0016_01_s_2012_5										
6	0.45	0.49	Earthen Levee	Encroachments	LS En	U	BU : Building	39.262213 ° -121.636545 °	39.262825 ° -121.636430 °	7 Y
DWR ID: DWR_MA0016_01_s_2012_7										
7	2.85	3.08	Earthen Levee	Encroachments	LS En	M	DT : Ditch	39.293675 ° -121.636615 °	39.296748 ° -121.638192 °	14 Y
DWR ID: DWR_MA0016_01_s_2012_14										

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
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**Levee Inspection Report By Mile - Fall 2012**

**Sutter Maintenance Yard Maintenance Area 0016**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	4.09	09/25/2012 09/25/2012	Clay Thomas

Levee Mile Report Line	1
Start Levee Mile	0.01
End Levee Mile	4.08
Location	Water Side
Category	Earthen Levee
Item	Vegetation

This photo is of the waterside slope of the levee at levee mile 4.06.

cathom\_f\_20121102\_214.JPG



Levee Mile Report Line	2
Start Levee Mile	0.01
End Levee Mile	4.08
Location	Land Side
Category	Earthen Levee
Item	Vegetation

This photo shows the landside slope of the levee at levee mile 4.06.

cathom\_f\_20121102\_215.JPG



Levee Mile Report Line	3
Start Levee Mile	0.06
End Levee Mile	0.10
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Levee mile 0.10. This photo shows the landscaping on the landside slope and toe.

cathom\_f\_20120912\_018.jpg



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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	4.09	09/25/2012 09/25/2012	Clay Thomas

Levee Mile Report Line	4
Start Levee Mile	0.18
End Levee Mile	0.18
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Levee mile 0.18. This photo shows the building on the landside shoulder and toe.

cathom\_f\_20120912\_023.jpg



Levee Mile Report Line	6
Start Levee Mile	0.45
End Levee Mile	0.49
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Levee mile 0.49. This photo shows the building and landscaping on the landside slope and toe.

cathom\_f\_20120912\_020.jpg



Levee Mile Report Line	7
Start Levee Mile	2.85
End Levee Mile	3.08
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Land side ditch levee mile 3.08.

cathom\_f\_20120912\_021.jpg



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Unit No. 01 Feather River	Right	4.09	09/25/2012 09/25/2012	Clay Thomas

Levee Mile Report Line	7
Start Levee Mile	2.85
End Levee Mile	3.08
Location	Land Side
Category	Earthen Levee
Item	Encroachments

AG ditch land side slope and toe.

cathom\_f\_20120912\_022.jpg



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